UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

389004/039

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

Docket No.

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C.	111(a) and 37 C.F.R.	1.53(b) is a new utility pate	nt application for an 🤄
invention entitled:			-

	ransmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an or								
	nvention entitled:								
- 1	A METHOD FOR ab initio DETERMINATION OF MACROMOLECULAR CRYSTALLOGRAPHIC PHASES AT MODERATE RESOLUTION BY A SYMMETRY-ENFORCED ORTHOGONAL MULTICENTER SPHERICAL								
- 1	HARMONIC-SPHERICAL BESSEL EXPANSION								
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							Application Elements		
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2	2. 🛚	Sp	ecifica	ation	having5	2 pag	ges plus cover pages and in	ncluding the following:	
	а	. 🛛	Des	cripti	ive Title of the	e Inve	ention		
	b	. 🛛	Cro	ss Re	eferences to	Relat	ted Applications (if applicable)		
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	d	. 🗆	Ref	erend	ce to Microfic	he A	ppendix (if applicable)		
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Total Pages in this Submission

	Application Elements (Continued)												
3	3.												
		a.		Formal	b.	X	Informal	Number	of Sheets		7		
4	ŀ.	X	Oath or Declaration										
		a.	×	Newly execut	ed (origii	nal or copy)	☐ Un	executed				
		b.		Copy from a	prior	арр	lication (37 CFR	1.63(d)) <i>(</i>	for continuat	ion/divisior	nal applicatio	on only)	
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Ť.	d. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).												
mends through the through the column through the	5. Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.												
•	3 .		Computer Program in Microfiche										
₊ 7	7.		Genetic Sequence Submission (if applicable, all must be included)										
Thems Minne		a. Paper Copy											
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r II II		c. Statement Verifying Identical Paper and Computer Readable Copy											
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8	3.		Ass	ignment Pape	rs (c	over	sheet & docum	ents)					
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10).		English Translation Document (if applicable)										
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(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 389004/039

Total Pages in this Submission

	Accompanying Application Parts (Continued)
15.	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	Small Entity Statement(s) - Specify Number of Statements Submitted:
17.	Additional Enclosures (please identify below):
	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
18.	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
304 July 1	Warning
eges Syneth Shasti Thun there Merit	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No. 389004/039

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	69	- 20 =	49	x	\$9.00	\$441.00
Indep. Claims	3	- 3 =	0	x	\$40.00	\$0.00
Multiple Dependen	t Claims (check	(if applicable)				\$0.00
u					BASIC FEE	\$355.00
OTHER FEE (specify purpose)						\$0.00
The state of the s					TOTAL FILING FEE	\$796.00

A check in the amount of

to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 19 as described below. A duplicate copy of this sheet is enclosed.

19-4709

☑ Charge the amount of

\$796.00

as filing fee.

☑ Credit any overpayment.

☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

 \Box Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,

pursuant to 37 C.F.R. 1.311(b).

Dated: July 20, 2001

Signature

James J. DeCarlo Registration No. 36,120 Attorney for Applicant

STROOCK & STROOCK & LAVAN LLP

180 Maiden Lane

New York, New York 10038

Tel: (212) 806-5400

#34,94

CERTIFICATE OF Applicant(s): Jonathan	Docket No. 389004/039								
Serial No. Filing Date Examiner Group Art Unit To be assigned Concurrently Herewith									
Invention: A METHOD FOR ab initio DETERMINATION OF MACROMOLECULAR CRYSTALLOGRAPHIC PHASES AT MODERATE RESOLUTION BY A SYMMETRY-ENFORCED ORTHOGONAL MULTICENTER SPHERICAL HARMONIC-SPHERICAL BESSEL EXPANSION									
Utility Patent Applicat Executed Combined D	I hereby certify that the following correspondence: Utility Patent Application Transmittal (Small Entity)(4 pgs) in duplicate; copy of specification, (52 pages plus cover); Executed Combined Declaration and Power of Attorney (3 pgs.); Preliminary Amendment 7 sheets of informal drawings (Figs. 1-7) and acknowledgment postcard.								
(Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on									
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n = iç : : : : : : : : : : : : : : : : : : :		Beatrice							
(Typed or Printed Name of Person Mailing Correspondence) The Contract Co									
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